

**Table 5.3.c.1: Return rates for Atlantic salmon that were stocked as fry in the Connecticut (above Holyoke) River.**

| Year         | Total Fry<br>(1000s) | Returns<br>(per<br>10,000 fry) | Age class (smolt age, sea age) distribution (%) |           |           |           |           |            | Age (years) dist'n (%) |           |           |           |           |           |            |            |           |
|--------------|----------------------|--------------------------------|---|-----------|-----------|-----------|-----------|------------|------------------------|-----------|-----------|-----------|-----------|-----------|------------|------------|-----------|
|              |                      |                                | 1.1   | 1.2       | 1.3       | 2.1       | 2.2       | 2.3        | 3.1                    | 3.2       | 3.3       | 4.2       | 2         | 3         | 4          | 5          | 6         |
| 1974         | 16                   | 0                              | 0.000   | 0%        | 0%        | 0%        | 0%        | 0%         | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%        | 0%         | 0%         | 0%        |
| 1975         | 32                   | 0                              | 0.000   | 0%        | 0%        | 0%        | 0%        | 0%         | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%        | 0%         | 0%         | 0%        |
| 1976         | 27                   | 0                              | 0.000   | 0%        | 0%        | 0%        | 0%        | 0%         | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%        | 0%         | 0%         | 0%        |
| 1977         | 50                   | 0                              | 0.000   | 0%        | 0%        | 0%        | 0%        | 0%         | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%        | 0%         | 0%         | 0%        |
| 1978         | 50                   | 7                              | 1.400   | 0%        | 0%        | 0%        | 0%        | 100%       | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%        | 0%         | 100%       | 0%        |
| 1979         | 25                   | 0                              | 0.000   | 0%        | 0%        | 0%        | 0%        | 0%         | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%        | 0%         | 0%         | 0%        |
| 1980         | 89                   | 18                             | 2.022   | 0%        | 0%        | 0%        | 0%        | 100%       | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%        | 0%         | 100%       | 0%        |
| 1981         | 151                  | 19                             | 1.261   | 0%        | 0%        | 0%        | 0%        | 11%        | 89%                    | 0%        | 0%        | 0%        | 0%        | 0%        | 11%        | 89%        | 0%        |
| 1982         | 128                  | 31                             | 2.429   | 0%        | 0%        | 0%        | 0%        | 0%         | 90%                    | 10%       | 0%        | 0%        | 0%        | 0%        | 0%         | 90%        | 10%       |
| 1983         | 70                   | 1                              | 0.143   | 0%        | 0%        | 100%      | 0%        | 0%         | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%        | 0%         | 100%       | 0%        |
| 1984         | 455                  | 1                              | 0.022   | 0%        | 0%        | 0%        | 0%        | 0%         | 100%                   | 0%        | 0%        | 0%        | 0%        | 0%        | 0%         | 0%         | 100%      |
| 1985         | 286                  | 35                             | 1.224   | 0%        | 0%        | 0%        | 0%        | 0%         | 100%                   | 0%        | 0%        | 0%        | 0%        | 0%        | 0%         | 0%         | 100%      |
| 1986         | 97                   | 27                             | 2.791   | 0%        | 0%        | 0%        | 4%        | 96%        | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%        | 0%         | 4%         | 96%       |
| 1987         | 981                  | 44                             | 0.449   | 0%        | 16%       | 0%        | 0%        | 68%        | 2%                     | 0%        | 14%       | 0%        | 0%        | 0%        | 16%        | 68%        | 0%        |
| 1988         | 928                  | 92                             | 0.992   | 0%        | 0%        | 0%        | 0%        | 97%        | 1%                     | 0%        | 2%        | 0%        | 0%        | 0%        | 97%        | 3%         | 0%        |
| 1989         | 747                  | 47                             | 0.629   | 0%        | 6%        | 0%        | 6%        | 85%        | 0%                     | 0%        | 2%        | 0%        | 0%        | 0%        | 13%        | 85%        | 2%        |
| 1990         | 765                  | 53                             | 0.693   | 0%        | 13%       | 0%        | 0%        | 87%        | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%        | 13%        | 87%        | 0%        |
| 1991         | 982                  | 25                             | 0.255   | 0%        | 20%       | 0%        | 0%        | 64%        | 0%                     | 0%        | 16%       | 0%        | 0%        | 0%        | 20%        | 64%        | 0%        |
| 1992         | 929                  | 84                             | 0.904   | 0%        | 1%        | 0%        | 0%        | 85%        | 1%                     | 0%        | 13%       | 0%        | 0%        | 0%        | 1%         | 85%        | 14%       |
| 1993         | 2,607                | 94                             | 0.361   | 0%        | 0%        | 0%        | 2%        | 87%        | 0%                     | 0%        | 11%       | 0%        | 0%        | 0%        | 2%         | 87%        | 11%       |
| 1994         | 3,925                | 197                            | 0.502   | 0%        | 0%        | 0%        | 1%        | 93%        | 0%                     | 0%        | 6%        | 0%        | 0%        | 0%        | 1%         | 93%        | 6%        |
| 1995         | 4,507                | 83                             | 0.184   | 0%        | 2%        | 0%        | 6%        | 89%        | 0%                     | 0%        | 2%        | 0%        | 0%        | 0%        | 8%         | 89%        | 2%        |
| 1996         | 4,780                | 55                             | 0.115   | 0%        | 4%        | 0%        | 5%        | 89%        | 2%                     | 0%        | 0%        | 0%        | 0%        | 0%        | 9%         | 89%        | 2%        |
| 1997         | 5,885                | 22                             | 0.037   | 0%        | 0%        | 0%        | 5%        | 95%        | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%        | 5%         | 95%        | 0%        |
| <b>Total</b> | <b>29,171</b>        | <b>937</b>                     |   |           |           |           |           |            |                        |           |           |           |           |           |            |            |           |
| <b>Mean</b>  |                      |                                | <b>0.658</b>                                    | <b>0%</b> | <b>7%</b> | <b>0%</b> | <b>6%</b> | <b>63%</b> | <b>5%</b>              | <b>0%</b> | <b>3%</b> | <b>0%</b> | <b>0%</b> | <b>0%</b> | <b>12%</b> | <b>63%</b> | <b>8%</b> |

Mean return rate computation includes incomplete return rates for 1997- and 1998-year class fish.

NOTE: Return rates (returns/10,000 fry) are calculated from stocked fry numbers and do not include any natural fry production.

**Table 5.3.c.2: Return rates for Atlantic salmon that were stocked as fry in the Connecticut (basin) River.**

| Year         | Total Fry<br>(1000s) | Returns<br>(per<br>10,000 fry) | Age class (smolt age, sea age) distribution (%) |           |            |           |           |             | Age (years) dist'n (%) |           |           |           |           |           |            |             |           |           |
|--------------|----------------------|--------------------------------|---|-----------|------------|-----------|-----------|-------------|------------------------|-----------|-----------|-----------|-----------|-----------|------------|-------------|-----------|-----------|
|              |                      |                                | 1.1   | 1.2       | 1.3        | 2.1       | 2.2       | 2.3         | 3.1                    | 3.2       | 3.3       | 4.2       | 2         | 3         | 4          | 5           | 6         |           |
| 1974         | 16                   | 0                              | 0.000   | 0%        | 0%         | 0%        | 0%        | 0%          | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%        | 0%         | 0%          | 0%        |           |
| 1975         | 32                   | 0                              | 0.000   | 0%        | 0%         | 0%        | 0%        | 0%          | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%        | 0%         | 0%          | 0%        |           |
| 1976         | 27                   | 0                              | 0.000   | 0%        | 0%         | 0%        | 0%        | 0%          | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%        | 0%         | 0%          | 0%        |           |
| 1977         | 50                   | 0                              | 0.000   | 0%        | 0%         | 0%        | 0%        | 0%          | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%        | 0%         | 0%          | 0%        |           |
| 1978         | 50                   | 7                              | 1.400   | 0%        | 0%         | 0%        | 0%        | 0%          | 100%                   | 0%        | 0%        | 0%        | 0%        | 0%        | 0%         | 100%        | 0%        | 0%        |
| 1979         | 54                   | 3                              | 0.561   | 0%        | 100%       | 0%        | 0%        | 0%          | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%        | 0%         | 100%        | 0%        | 0%        |
| 1980         | 286                  | 18                             | 0.630   | 0%        | 0%         | 0%        | 0%        | 0%          | 100%                   | 0%        | 0%        | 0%        | 0%        | 0%        | 0%         | 100%        | 0%        | 0%        |
| 1981         | 168                  | 19                             | 1.129   | 0%        | 0%         | 0%        | 0%        | 11%         | 89%                    | 0%        | 0%        | 0%        | 0%        | 0%        | 11%        | 89%         | 0%        | 0%        |
| 1982         | 294                  | 46                             | 1.565   | 0%        | 0%         | 0%        | 0%        | 0%          | 89%                    | 11%       | 0%        | 0%        | 0%        | 0%        | 0%         | 89%         | 11%       | 0%        |
| 1983         | 226                  | 2                              | 0.088   | 0%        | 100%       | 0%        | 0%        | 0%          | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%        | 0%         | 100%        | 0%        | 0%        |
| 1984         | 584                  | 3                              | 0.051   | 0%        | 0%         | 0%        | 0%        | 33%         | 33%                    | 0%        | 33%       | 0%        | 0%        | 0%        | 0%         | 33%         | 67%       | 0%        |
| 1985         | 422                  | 47                             | 1.113   | 0%        | 0%         | 0%        | 0%        | 100%        | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%        | 0%         | 100%        | 0%        | 0%        |
| 1986         | 176                  | 28                             | 1.592   | 0%        | 0%         | 0%        | 4%        | 96%         | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%        | 0%         | 4%          | 96%       | 0%        |
| 1987         | 1,169                | 51                             | 0.436   | 0%        | 18%        | 0%        | 0%        | 67%         | 2%                     | 0%        | 14%       | 0%        | 0%        | 0%        | 18%        | 67%         | 16%       | 0%        |
| 1988         | 1,310                | 108                            | 0.825   | 0%        | 0%         | 0%        | 0%        | 97%         | 1%                     | 0%        | 2%        | 0%        | 0%        | 0%        | 0%         | 97%         | 3%        | 0%        |
| 1989         | 1,243                | 67                             | 0.539   | 0%        | 22%        | 0%        | 7%        | 69%         | 0%                     | 0%        | 1%        | 0%        | 0%        | 0%        | 0%         | 30%         | 69%       | 1%        |
| 1990         | 1,346                | 68                             | 0.505   | 0%        | 19%        | 0%        | 0%        | 79%         | 0%                     | 0%        | 1%        | 0%        | 0%        | 0%        | 0%         | 19%         | 79%       | 1%        |
| 1991         | 1,724                | 35                             | 0.203   | 0%        | 17%        | 0%        | 0%        | 63%         | 0%                     | 0%        | 20%       | 0%        | 0%        | 0%        | 17%        | 63%         | 20%       | 0%        |
| 1992         | 2,009                | 118                            | 0.587   | 0%        | 5%         | 0%        | 0%        | 82%         | 1%                     | 0%        | 12%       | 0%        | 0%        | 0%        | 5%         | 82%         | 13%       | 0%        |
| 1993         | 4,147                | 185                            | 0.446   | 0%        | 4%         | 0%        | 3%        | 87%         | 0%                     | 0%        | 6%        | 0%        | 0%        | 0%        | 6%         | 87%         | 6%        | 0%        |
| 1994         | 5,978                | 294                            | 0.492   | 0%        | 5%         | 0%        | 2%        | 88%         | 0%                     | 0%        | 5%        | 0%        | 0%        | 0%        | 7%         | 88%         | 5%        | 0%        |
| 1995         | 6,817                | 143                            | 0.210   | 1%        | 13%        | 0%        | 7%        | 78%         | 0%                     | 0%        | 2%        | 0%        | 0%        | 0%        | 1%         | 20%         | 78%       | 2%        |
| 1996         | 6,677                | 101                            | 0.151   | 0%        | 16%        | 0%        | 11%       | 71%         | 1%                     | 0%        | 1%        | 0%        | 0%        | 0%        | 0%         | 27%         | 71%       | 2%        |
| 1997         | 8,526                | 35                             | 0.041   | 0%        | 3%         | 0%        | 3%        | 94%         | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%        | 6%         | 94%         | 0%        | 0%        |
| <b>1998</b>  | <b>3,133</b>         | <b>4</b>                       | <b>0.013</b>                                    | <b>0%</b> | <b>0%</b>  | <b>0%</b> | <b>0%</b> | <b>100%</b> |                        |           |           |           |           |           | <b>0%</b>  | <b>100%</b> |           |           |
| <b>Total</b> | <b>46,461</b>        |                                |   |           |            |           |           |             |                        |           |           |           |           |           |            |             |           |           |
| <b>Mean</b>  |                      |                                | <b>0.503</b>                                    | <b>0%</b> | <b>13%</b> | <b>0%</b> | <b>6%</b> | <b>62%</b>  | <b>2%</b>              | <b>0%</b> | <b>4%</b> | <b>0%</b> | <b>0%</b> | <b>0%</b> | <b>19%</b> | <b>62%</b>  | <b>6%</b> | <b>0%</b> |

Mean return rate computation includes incomplete return rates for 1997- and 1998-year class fish.  
 NOTE: Return rates (returns/10,000 fry) are calculated from stocked fry numbers and do not include any natural fry production.

**Table 5.3.c.3: Return rates for Atlantic salmon that were stocked as fry in the Farmington River.**

| Year         | Total Fry<br>(1000s) | Returns<br>(per<br>10,000 fry) | Age class (smolt age, sea age) distribution (%) |     |              |           |            |           | Age (years) dist'n (%) |           |           |           |           |           |            |            |           |           |
|--------------|----------------------|--------------------------------|---|-----|--------------|-----------|------------|-----------|------------------------|-----------|-----------|-----------|-----------|-----------|------------|------------|-----------|-----------|
|              |                      |                                | 1.1   | 1.2 | 1.3          | 2.1       | 2.2        | 2.3       | 3.1                    | 3.2       | 3.3       | 4.2       | 2         | 3         | 4          | 5          | 6         |           |
| 1979         | 29                   | 3                              | 1.034   | 0%  | 100%         | 0%        | 0%         | 0%        | 0%                     | 0%        | 0%        | 0%        | 0%        | 100%      | 0%         | 0%         | 0%        |           |
| 1980         | 197                  | 0                              | 0.000   | 0%  | 0%           | 0%        | 0%         | 0%        | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%        | 0%         | 0%         | 0%        |           |
| 1981         | 18                   | 0                              | 0.000   | 0%  | 0%           | 0%        | 0%         | 0%        | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%        | 0%         | 0%         | 0%        |           |
| 1982         | 166                  | 15                             | 0.902   | 0%  | 0%           | 0%        | 0%         | 87%       | 13%                    | 0%        | 0%        | 0%        | 0%        | 87%       | 13%        | 0%         | 0%        |           |
| 1983         | 157                  | 1                              | 0.064   | 0%  | 100%         | 0%        | 0%         | 0%        | 0%                     | 0%        | 0%        | 0%        | 0%        | 100%      | 0%         | 0%         | 0%        |           |
| 1984         | 128                  | 2                              | 0.156   | 0%  | 0%           | 0%        | 0%         | 50%       | 0%                     | 50%       | 0%        | 0%        | 0%        | 0%        | 50%        | 50%        | 0%        |           |
| 1985         | 136                  | 12                             | 0.881   | 0%  | 0%           | 0%        | 0%         | 100%      | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%        | 100%       | 0%         | 0%        |           |
| 1986         | 79                   | 1                              | 0.126   | 0%  | 0%           | 0%        | 0%         | 0%        | 100%                   | 0%        | 0%        | 0%        | 0%        | 0%        | 100%       | 0%         | 0%        |           |
| 1987         | 68                   | 5                              | 0.740   | 0%  | 0%           | 0%        | 0%         | 80%       | 0%                     | 0%        | 20%       | 0%        | 0%        | 0%        | 80%        | 20%        | 0%        |           |
| 1988         | 333                  | 13                             | 0.391   | 0%  | 0%           | 0%        | 0%         | 100%      | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%        | 100%       | 0%         | 0%        |           |
| 1989         | 279                  | 19                             | 0.680   | 0%  | 63%          | 0%        | 11%        | 26%       | 0%                     | 0%        | 0%        | 0%        | 0%        | 74%       | 26%        | 0%         | 0%        |           |
| 1990         | 270                  | 11                             | 0.407   | 0%  | 45%          | 0%        | 0%         | 45%       | 0%                     | 0%        | 9%        | 0%        | 0%        | 45%       | 45%        | 9%         | 0%        |           |
| 1991         | 265                  | 2                              | 0.076   | 0%  | 50%          | 0%        | 0%         | 0%        | 0%                     | 50%       | 0%        | 0%        | 0%        | 50%       | 0%         | 50%        | 0%        |           |
| 1992         | 553                  | 15                             | 0.271   | 0%  | 20%          | 0%        | 0%         | 67%       | 0%                     | 0%        | 13%       | 0%        | 0%        | 20%       | 67%        | 13%        | 0%        |           |
| 1993         | 772                  | 52                             | 0.673   | 0%  | 13%          | 0%        | 6%         | 77%       | 0%                     | 0%        | 4%        | 0%        | 0%        | 19%       | 77%        | 4%         | 0%        |           |
| 1994         | 1,097                | 49                             | 0.447   | 0%  | 31%          | 0%        | 4%         | 63%       | 0%                     | 0%        | 2%        | 0%        | 0%        | 35%       | 63%        | 2%         | 0%        |           |
| 1995         | 1,146                | 42                             | 0.367   | 2%  | 38%          | 0%        | 5%         | 52%       | 0%                     | 0%        | 2%        | 0%        | 0%        | 2%        | 43%        | 52%        | 2%        | 0%        |
| 1996         | 912                  | 19                             | 0.208   | 0%  | 58%          | 0%        | 11%        | 26%       | 0%                     | 0%        | 5%        | 0%        | 0%        | 68%       | 26%        | 5%         | 0%        |           |
| 1997         | 1,480                | 4                              | 0.027   | 0%  | 0%           | 0%        | 0%         | 100%      | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%        | 100%       | 0%         | 0%        |           |
| <b>Total</b> | <b>8,084</b>         |                                | <b>265</b>                                      |     | <b>0.392</b> | <b>0%</b> | <b>27%</b> | <b>0%</b> | <b>51%</b>             | <b>1%</b> | <b>0%</b> | <b>9%</b> | <b>0%</b> | <b>0%</b> | <b>29%</b> | <b>51%</b> | <b>9%</b> | <b>0%</b> |
| <b>Mean</b>  |                      |                                |   |     |              |           |            |           |                        |           |           |           |           |           |            |            |           |           |

Mean return rate computation includes incomplete return rates for 1997- and 1998-year class fish.

NOTE: Return rates (returns/10,000 fry) are calculated from stocked fry numbers and do not include any natural fry production.

**Table 5.3.c.4: Return rates for Atlantic salmon that were stocked as fry in the Merrimack River.**

| Year         | Total Fry<br>(1000s) | Returns<br>(per<br>10,000 fry) | Age class (smolt age, sea age) distribution (%) |           |           |           |            |            |           | Age (years) dist'n (%) |           |           |           |           |            |            |            |
|--------------|----------------------|--------------------------------|---|-----------|-----------|-----------|------------|------------|-----------|------------------------|-----------|-----------|-----------|-----------|------------|------------|------------|
|              |                      |                                | 1.1   | 1.2       | 1.3       | 2.1       | 2.2        | 2.3        | 3.1       | 3.2                    | 3.3       | 4.2       | 2         | 3         | 4          | 5          | 6          |
| 1975         | 36                   |                                | 0%  | 0%        | 0%        | 0%        | 0%         | 0%         | 0%        | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%         | 0%         | 0%         |
| 1976         | 63                   |                                | 0%  | 0%        | 0%        | 0%        | 0%         | 0%         | 0%        | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%         | 0%         | 0%         |
| 1977         | 72                   |                                | 0%  | 0%        | 0%        | 0%        | 0%         | 0%         | 0%        | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%         | 0%         | 0%         |
| 1978         | 106                  | 18                             | 1.697   | 0%        | 0%        | 0%        | 0%         | 0%         | 11%       | 33%                    | 22%       | 28%       | 6%        | 0%        | 0%         | 33%        | 61%        |
| 1979         | 77                   | 43                             | 5.592   | 0%        | 0%        | 0%        | 0%         | 0%         | 84%       | 5%                     | 2%        | 9%        | 0%        | 0%        | 0%         | 86%        | 14%        |
| 1980         | 126                  | 43                             | 3.426   | 0%        | 0%        | 0%        | 0%         | 0%         | 19%       | 5%                     | 21%       | 51%       | 5%        | 0%        | 0%         | 40%        | 56%        |
| 1981         | 57                   | 81                             | 14.211  | 0%        | 0%        | 0%        | 0%         | 10%        | 78%       | 0%                     | 5%        | 7%        | 0%        | 0%        | 0%         | 10%        | 83%        |
| 1982         | 50                   | 48                             | 9.600   | 0%        | 0%        | 2%        | 2%         | 77%        | 8%        | 0%                     | 10%       | 0%        | 0%        | 0%        | 2%         | 79%        | 19%        |
| 1983         | 8                    | 23                             | 27.479  | 0%        | 4%        | 4%        | 4%         | 17%        | 65%       | 4%                     | 0%        | 4%        | 0%        | 0%        | 0%         | 22%        | 70%        |
| 1984         | 526                  | 47                             | 0.894   | 0%        | 13%       | 0%        | 4%         | 77%        | 2%        | 0%                     | 4%        | 0%        | 0%        | 0%        | 0%         | 17%        | 77%        |
| 1985         | 148                  | 59                             | 3.977   | 0%        | 2%        | 0%        | 7%         | 69%        | 2%        | 0%                     | 20%       | 0%        | 0%        | 0%        | 8%         | 69%        | 22%        |
| 1986         | 525                  | 110                            | 2.097   | 0%        | 11%       | 0%        | 0%         | 78%        | 1%        | 0%                     | 8%        | 0%        | 0%        | 0%        | 11%        | 78%        | 9%         |
| 1987         | 1,078                | 278                            | 2.578   | 0%        | 2%        | 0%        | 8%         | 86%        | 0%        | 0%                     | 4%        | 0%        | 0%        | 0%        | 10%        | 86%        | 4%         |
| 1988         | 1,718                | 95                             | 0.553   | 1%        | 5%        | 0%        | 0%         | 91%        | 0%        | 0%                     | 3%        | 0%        | 0%        | 0%        | 1%         | 5%         | 91%        |
| 1989         | 1,034                | 43                             | 0.416   | 0%        | 7%        | 0%        | 30%        | 63%        | 0%        | 0%                     | 0%        | 0%        | 0%        | 0%        | 37%        | 63%        | 0%         |
| 1990         | 975                  | 21                             | 0.215   | 5%        | 0%        | 0%        | 10%        | 81%        | 0%        | 0%                     | 5%        | 0%        | 0%        | 0%        | 5%         | 10%        | 81%        |
| 1991         | 1,458                | 17                             | 0.117   | 0%        | 6%        | 0%        | 6%         | 76%        | 12%       | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%         | 12%        | 76%        |
| 1992         | 1,118                | 14                             | 0.125   | 0%        | 0%        | 0%        | 0%         | 93%        | 7%        | 0%                     | 0%        | 0%        | 0%        | 0%        | 0%         | 93%        | 7%         |
| 1993         | 1,157                | 11                             | 0.095   | 0%        | 0%        | 0%        | 27%        | 45%        | 0%        | 9%                     | 18%       | 0%        | 0%        | 0%        | 27%        | 55%        | 18%        |
| 1994         | 2,816                | 54                             | 0.192   | 0%        | 0%        | 0%        | 15%        | 83%        | 0%        | 0%                     | 2%        | 0%        | 0%        | 0%        | 15%        | 83%        | 2%         |
| 1995         | 2,827                | 87                             | 0.308   | 0%        | 0%        | 0%        | 22%        | 72%        | 0%        | 6%                     | 0%        | 0%        | 0%        | 0%        | 22%        | 78%        | 0%         |
| 1996         | 1,795                | 27                             | 0.150   | 0%        | 0%        | 0%        | 15%        | 85%        | 0%        | 0%                     | 0%        | 0%        | 0%        | 0%        | 15%        | 85%        | 0%         |
| 1997         | 2,000                | 4                              | 0.020   | 0%        | 0%        | 0%        | 25%        | 75%        | 0%        | 0%                     | 0%        | 0%        | 0%        | 0%        | 25%        | 75%        | 0%         |
| 1998         | 2,589                | 2                              | 0.008   | 0%        | 0%        | 0%        | 100%       |            |           |                        |           |           |           |           | 0%         | 100%       |            |
| <b>Total</b> | <b>22,359</b>        | <b>1,125</b>                   | <b>3.512</b>                                    | <b>0%</b> | <b>2%</b> | <b>0%</b> | <b>12%</b> | <b>61%</b> | <b>4%</b> | <b>3%</b>              | <b>8%</b> | <b>0%</b> | <b>0%</b> | <b>0%</b> | <b>15%</b> | <b>64%</b> | <b>12%</b> |
| <b>Mean</b>  |                      |                                |   |           |           |           |            |            |           |                        |           |           |           |           |            |            |            |

Mean return rate computation includes incomplete return rates for 1997- and 1998-year class fish.

NOTE: Return rates (returns/10,000 fry) are calculated from stocked fry numbers and do not include any natural fry production.

*Table 5.3.c.5: Return rates for Atlantic salmon that were stocked as fry in the Pawcatuck River.*

| Year  | Total Fry<br>(1000s) | Returns<br>(per<br>10,000 fry) | Age class (smolt age, sea age) distribution (%) |     |     |     |      |     | Age (years) dist'n (%) |     |     |     |    |      |     |    |
|-------|----------------------|--------------------------------|---|-----|-----|-----|------|-----|------------------------|-----|-----|-----|----|------|-----|----|
|       |                      |                                | 1.1   | 1.2 | 1.3 | 2.1 | 2.2  | 2.3 | 3.1                    | 3.2 | 3.3 | 4.2 | 2  | 3    | 4   | 5  |
| 1993  | 383                  | 3                              | 0.078   | 0%  | 0%  | 0%  | 100% | 0%  | 0%                     | 0%  | 0%  | 0%  | 0% | 100% | 0%  | 0% |
| 1994  | 351                  | 2                              | 0.057   | 0%  | 0%  | 0%  | 100% | 0%  | 0%                     | 0%  | 0%  | 0%  | 0% | 100% | 0%  | 0% |
| 1995  | 367                  | 5                              | 0.136   | 0%  | 0%  | 0%  | 20%  | 80% | 0%                     | 0%  | 0%  | 0%  | 0% | 20%  | 80% | 0% |
| 1996  | 289                  | 0                              | 0.000   | 0%  | 0%  | 0%  | 0%   | 0%  | 0%                     | 0%  | 0%  | 0%  | 0% | 0%   | 0%  | 0% |
| 1997  | 100                  | 0                              | 0.000   | 0%  | 0%  | 0%  | 0%   | 0%  | 0%                     | 0%  | 0%  | 0%  | 0% | 0%   | 0%  | 0% |
| Total | 1,490                | 10                             | 0.054   | 0%  | 0%  | 4%  | 56%  | 0%  | 0%                     | 0%  | 0%  | 0%  | 0% | 4%   | 56% | 0% |
| Mean  |                      |                                |   |     |     |     |      |     |                        |     |     |     |    |      |     |    |

Mean return rate computation includes incomplete return rates for 1997- and 1998-year class fish.  
 NOTE: Return rates (returns/10,000 fry) are calculated from stocked fry numbers and do not include any natural fry production.

**Table 5.3.c.6: Return rates for Atlantic salmon that were stocked as fry in the Salmon River.**

| Year         | Total Fry<br>(1000s) | Total<br>Returns | Returns<br>(per 10,000<br>fry) | Age class (smolt age, sea age) distribution (%) |           |            |           |           |            |           | Age (years) dist'n (%) |           |           |           |            |            |           |           |
|--------------|----------------------|------------------|--------------------------------|---|-----------|------------|-----------|-----------|------------|-----------|------------------------|-----------|-----------|-----------|------------|------------|-----------|-----------|
|              |                      |                  |                                | 1.1   | 1.2       | 1.3        | 2.1       | 2.2       | 2.3        | 3.1       | 3.2                    | 3.3       | 4.2       | 2         | 3          | 4          | 5         | 6         |
| 1987         | 121                  | 2                | 0.165                          | 0%  | 100%      | 0%         | 0%        | 0%        | 0%         | 0%        | 0%                     | 0%        | 0%        | 0%        | 100%       | 0%         | 0%        | 0%        |
| 1988         | 43                   | 3                | 0.693                          | 0%  | 0%        | 0%         | 0%        | 100%      | 0%         | 0%        | 0%                     | 0%        | 0%        | 0%        | 0%         | 100%       | 0%        | 0%        |
| 1989         | 111                  | 0                | 0.000                          | 0%  | 0%        | 0%         | 0%        | 0%        | 0%         | 0%        | 0%                     | 0%        | 0%        | 0%        | 0%         | 0%         | 0%        | 0%        |
| 1990         | 38                   | 0                | 0.000                          | 0%  | 0%        | 0%         | 0%        | 0%        | 0%         | 0%        | 0%                     | 0%        | 0%        | 0%        | 0%         | 0%         | 0%        | 0%        |
| 1991         | 25                   | 0                | 0.000                          | 0%  | 0%        | 0%         | 0%        | 0%        | 0%         | 0%        | 0%                     | 0%        | 0%        | 0%        | 0%         | 0%         | 0%        | 0%        |
| 1992         | 124                  | 4                | 0.322                          | 0%  | 50%       | 0%         | 0%        | 50%       | 0%         | 0%        | 0%                     | 0%        | 0%        | 0%        | 50%        | 50%        | 0%        | 0%        |
| 1993         | 105                  | 2                | 0.190                          | 0%  | 0%        | 0%         | 0%        | 100%      | 0%         | 0%        | 0%                     | 0%        | 0%        | 0%        | 0%         | 100%       | 0%        | 0%        |
| 1994         | 241                  | 4                | 0.166                          | 0%  | 25%       | 0%         | 0%        | 75%       | 0%         | 0%        | 0%                     | 0%        | 0%        | 0%        | 25%        | 75%        | 0%        | 0%        |
| 1995         | 242                  | 1                | 0.041                          | 0%  | 0%        | 0%         | 0%        | 100%      | 0%         | 0%        | 0%                     | 0%        | 0%        | 0%        | 0%         | 100%       | 0%        | 0%        |
| 1996         | 247                  | 15               | 0.607                          | 0%  | 20%       | 0%         | 33%       | 47%       | 0%         | 0%        | 0%                     | 0%        | 0%        | 0%        | 53%        | 47%        | 0%        | 0%        |
| 1997         | 223                  | 3                | 0.134                          | 0%  | 33%       | 0%         | 0%        | 67%       | 0%         | 0%        | 0%                     | 0%        | 0%        | 0%        | 33%        | 67%        | 0%        | 0%        |
| <b>Total</b> | <b>1,522</b>         | <b>34</b>        |                                | <b>0.211</b>                                    | <b>0%</b> | <b>21%</b> | <b>0%</b> | <b>3%</b> | <b>49%</b> | <b>0%</b> | <b>0%</b>              | <b>0%</b> | <b>0%</b> | <b>0%</b> | <b>24%</b> | <b>49%</b> | <b>0%</b> | <b>0%</b> |
| <b>Mean</b>  |                      |                  |                                |   |           |            |           |           |            |           |                        |           |           |           |            |            |           |           |

Mean return rate computation includes incomplete return rates for 1997- and 1998-year class fish.

NOTE: Return rates (returns/10,000 fry) are calculated from stocked fry numbers and do not include any natural fry production.

*Table 5.3.c.7: Return rates for Atlantic salmon that were stocked as fry in the Westfield River.*

| Year         | Total Fry<br>(1000s) | Total<br>Returns | Returns<br>(per 10,000<br>fry) | Age class (smolt age, sea age) distribution (%) |           |           |            |            |           |           | Age (years) dist'n (%) |           |
|--------------|----------------------|------------------|--------------------------------|---|-----------|-----------|------------|------------|-----------|-----------|------------------------|-----------|
|              |                      |                  |                                | 1.1   | 1.2       | 1.3       | 2.1        | 2.2        | 2.3       | 3.1       | 3.2                    |           |
| 1988         | 6                    | 0                | 0.000                          | 0%  | 0%        | 0%        | 0%         | 0%         | 0%        | 0%        | 0%                     | 0%        |
| 1989         | 106                  | 1                | 0.005                          | 0%  | 0%        | 0%        | 0%         | 100%       | 0%        | 0%        | 0%                     | 0%        |
| 1990         | 274                  | 4                | 0.146                          | 0%  | 25%       | 0%        | 0%         | 75%        | 0%        | 0%        | 0%                     | 0%        |
| 1991         | 454                  | 8                | 0.176                          | 0%  | 0%        | 0%        | 0%         | 75%        | 0%        | 25%       | 0%                     | 0%        |
| 1992         | 402                  | 15               | 0.373                          | 0%  | 0%        | 0%        | 0%         | 93%        | 0%        | 0%        | 0%                     | 0%        |
| 1993         | 662                  | 37               | 0.559                          | 0%  | 0%        | 0%        | 0%         | 100%       | 0%        | 0%        | 0%                     | 0%        |
| 1994         | 674                  | 44               | 0.652                          | 0%  | 0%        | 0%        | 2%         | 91%        | 0%        | 7%        | 0%                     | 0%        |
| 1995         | 885                  | 17               | 0.192                          | 0%  | 0%        | 0%        | 18%        | 82%        | 0%        | 0%        | 0%                     | 0%        |
| 1996         | 706                  | 12               | 0.170                          | 0%  | 0%        | 0%        | 8%         | 92%        | 0%        | 0%        | 0%                     | 0%        |
| 1997         | 909                  | 6                | 0.066                          | 0%  | 0%        | 0%        | 0%         | 100%       | 0%        | 0%        | 0%                     | 0%        |
| 1998         | 1,022                | 2                | 0.020                          | 0%  | 0%        | 0%        | 100%       | 0%         | 0%        | 0%        | 0%                     | 100%      |
| <b>Total</b> | <b>6,099</b>         | <b>146</b>       |                                |   |           |           |            |            |           |           |                        | 0%        |
| <b>Mean</b>  |                      |                  | <b>0.223</b>                   | <b>0%</b>                                       | <b>2%</b> | <b>0%</b> | <b>12%</b> | <b>81%</b> | <b>0%</b> | <b>0%</b> | <b>0%</b>              | <b>0%</b> |

Mean return rate computation includes incomplete return rates for 1997- and 1998-year class fish.

NOTE: Return rates (returns/10,000 fry) are calculated from stocked fry numbers and do not include any natural fry production.